

Figure 1

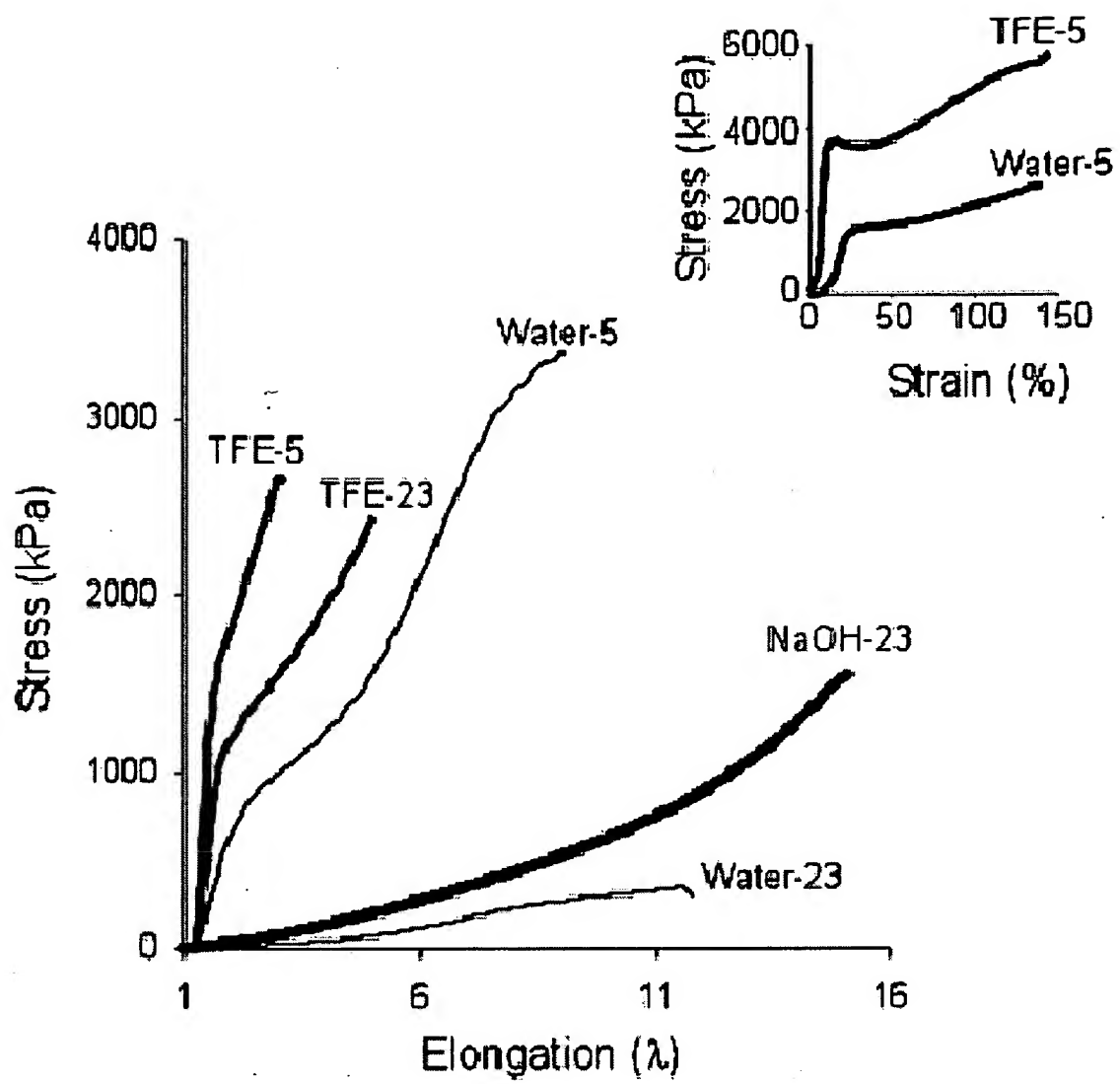


Figure 2

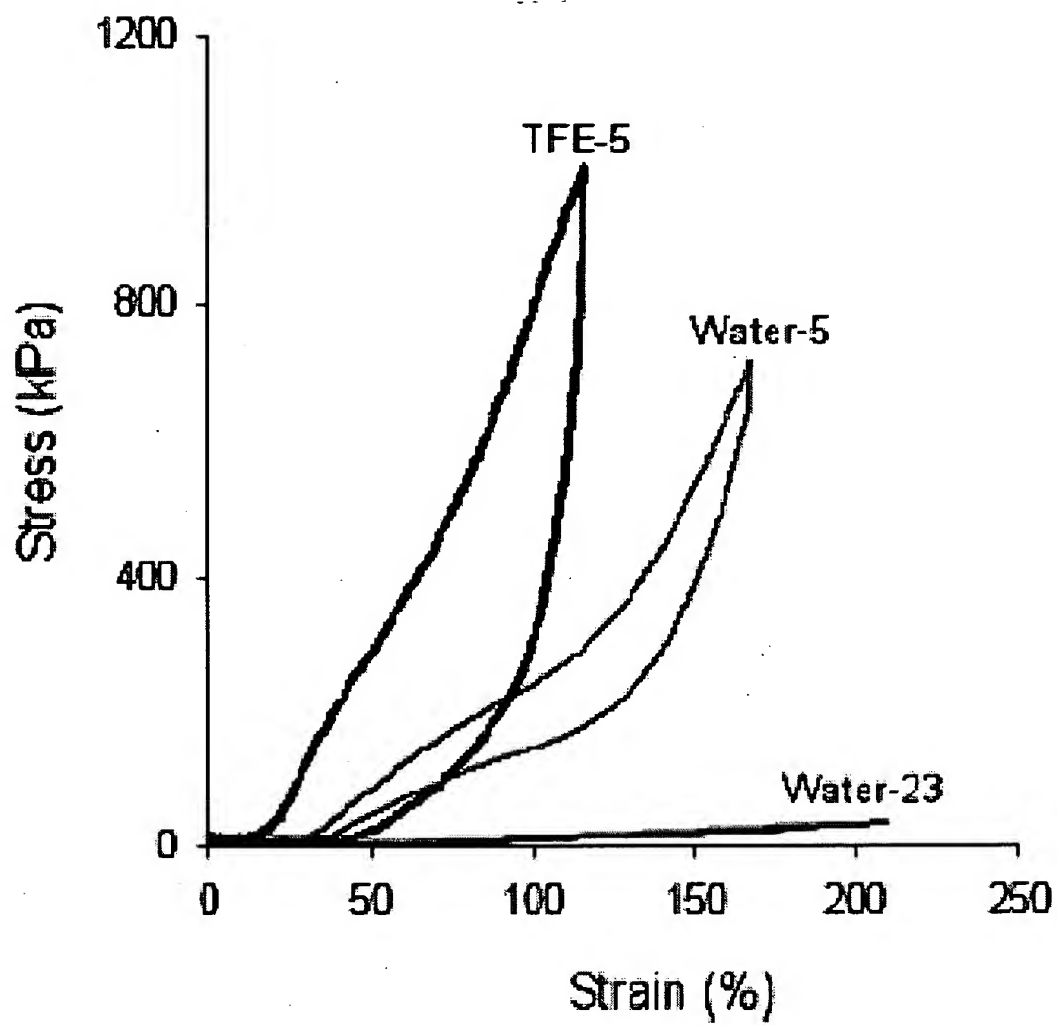


Figure 3

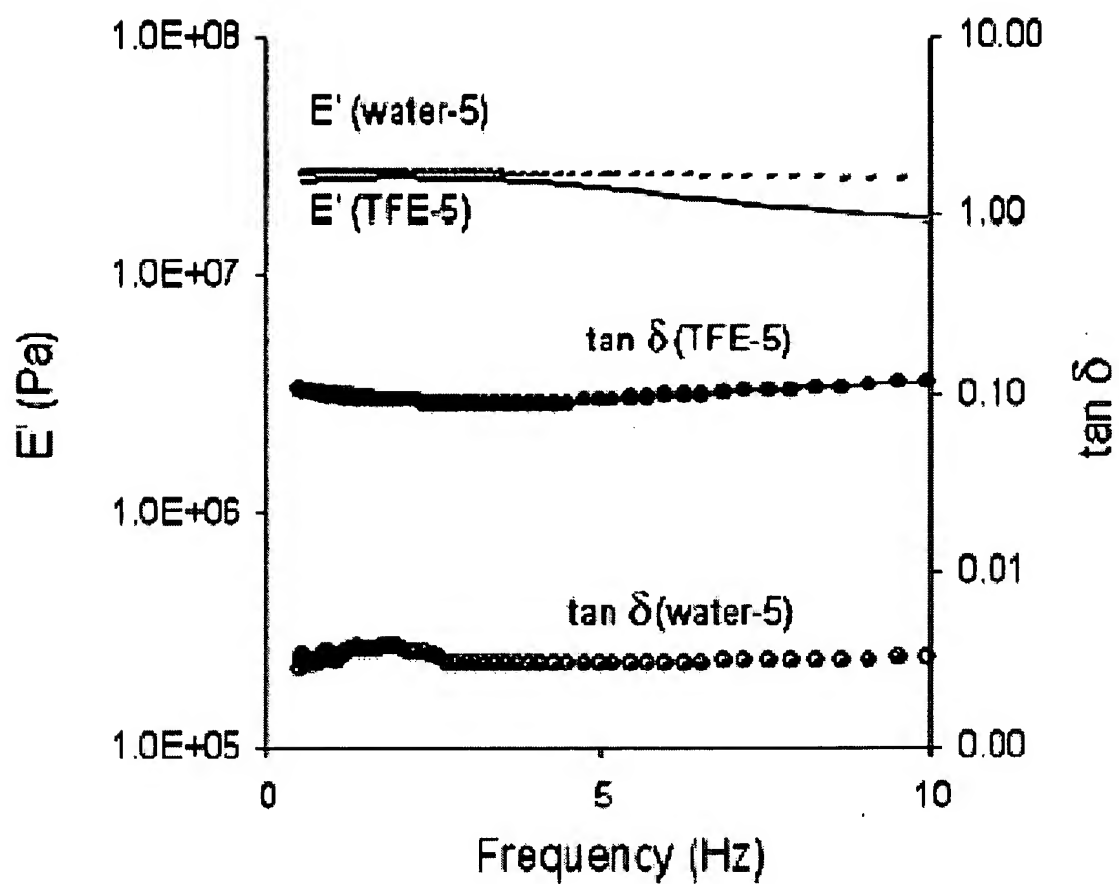


Figure 4.

CTC TTC N NN NNN
 GAG AAG N NN NNN
 *

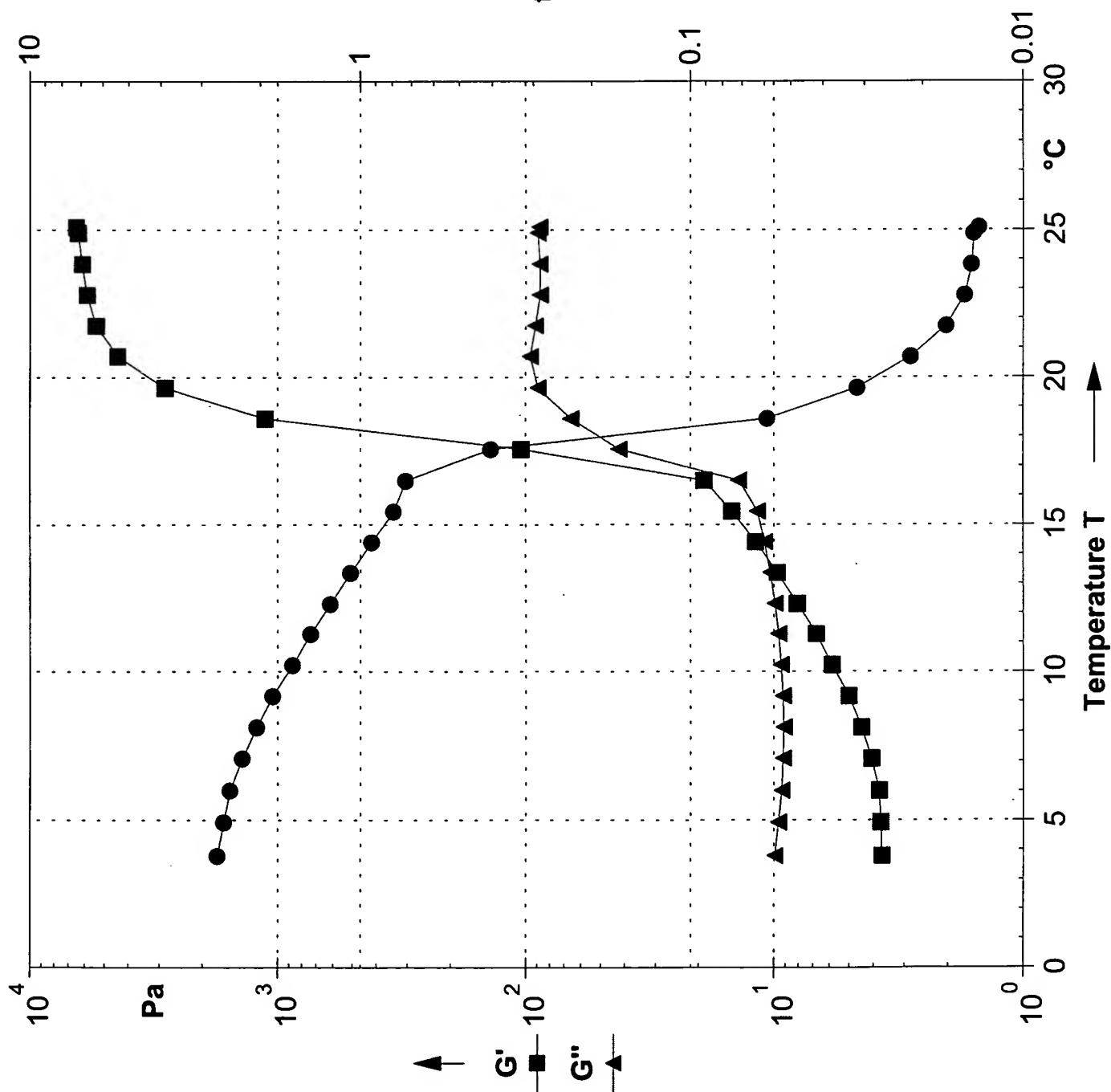
CTC TTC N NN NNN
 GAG AAG N NN NNN
 *

Figure 5A

CTC TTC AGT ANN --- --- --- --- N NG TAT GAA GAG
 GAG AAG TCA TNN --- --- --- --- N NC ATA CTT CTC
 *

CTC TTC AGT ANN --- --- --- --- N NG TAT GAA GAG
 GAG AAG TCA TNN --- --- --- --- N NC ATA CTT CTC
 *

Figure 5B



Temperature Sweep c5 neutral 2 1

PP 25 d=0.5 mm

—■— G' Storage Modulus

—▲— G'' Loss Modulus

—●— tan(δ) Damping Factor

FIG. 6A

Inventors: Chaikof et al.
 Title: "Plastic and Elastic Protein
 Copolymers"
 Filed 11/21/03
 Attorney Docket 133-02

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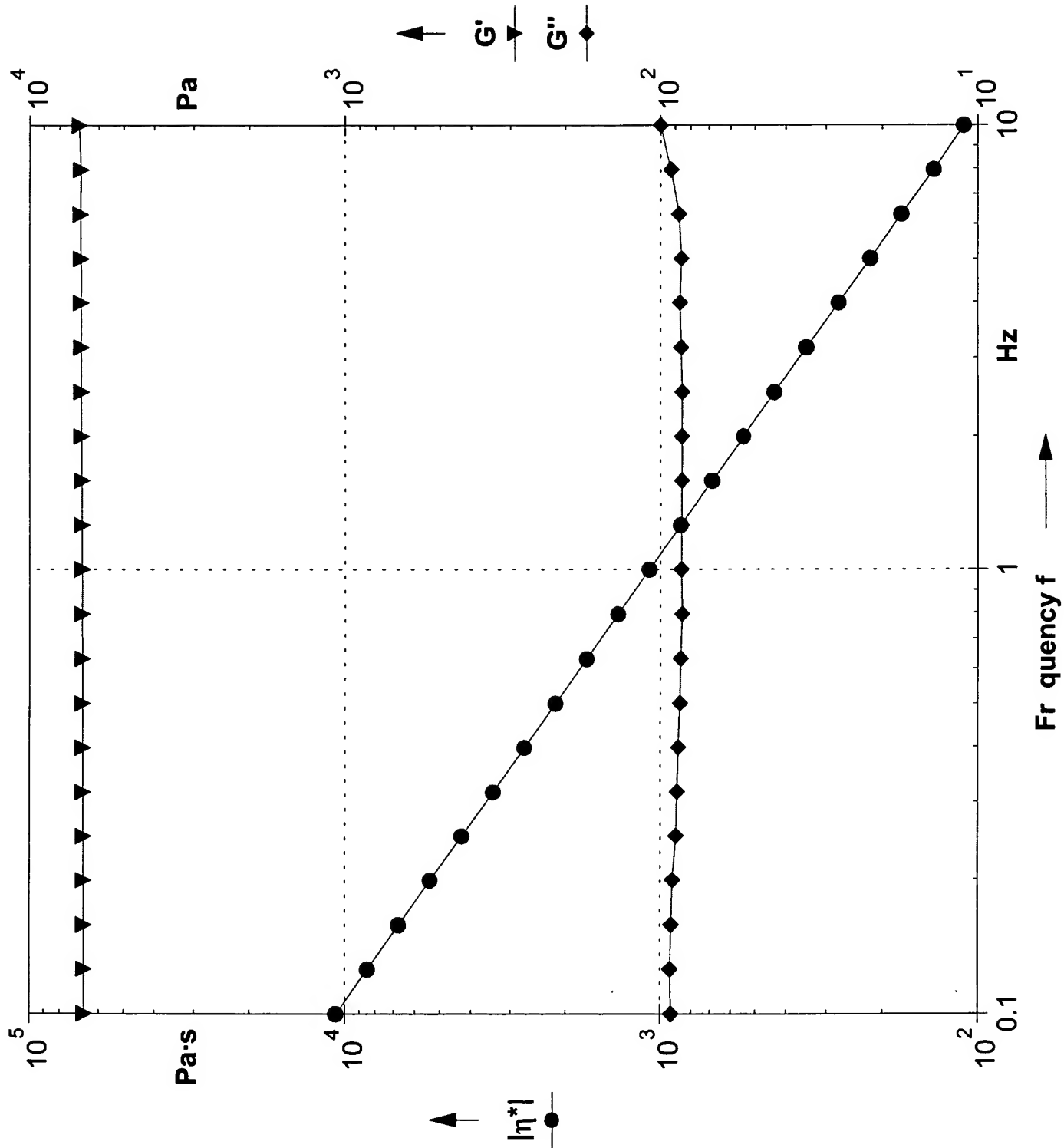


FIG. 6B

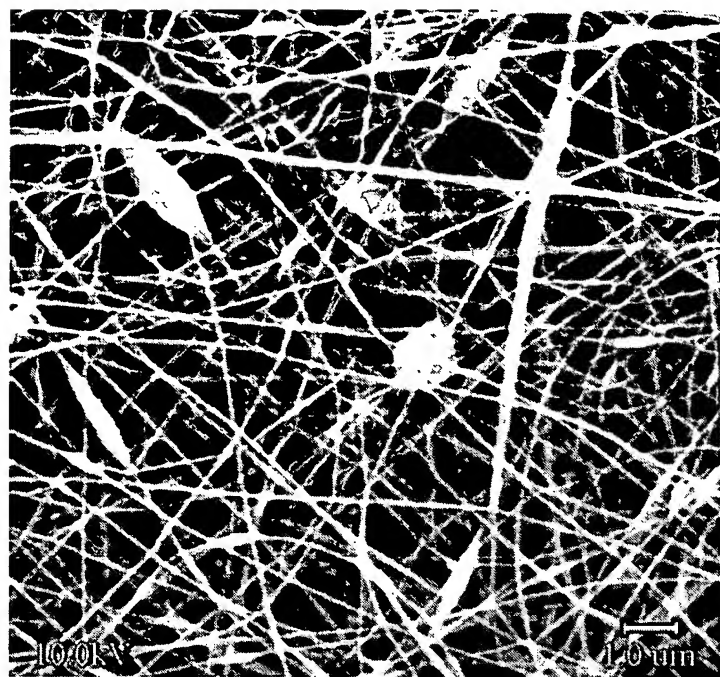


Figure 7.

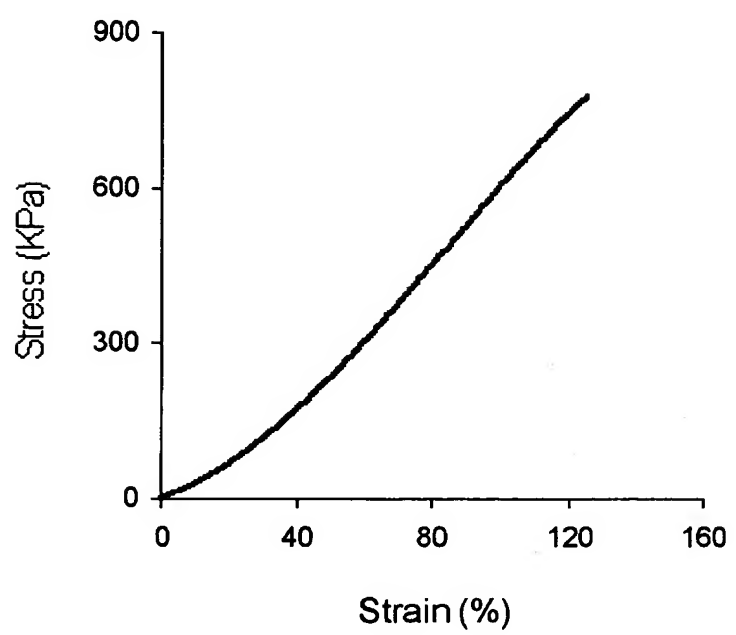


Figure 8.

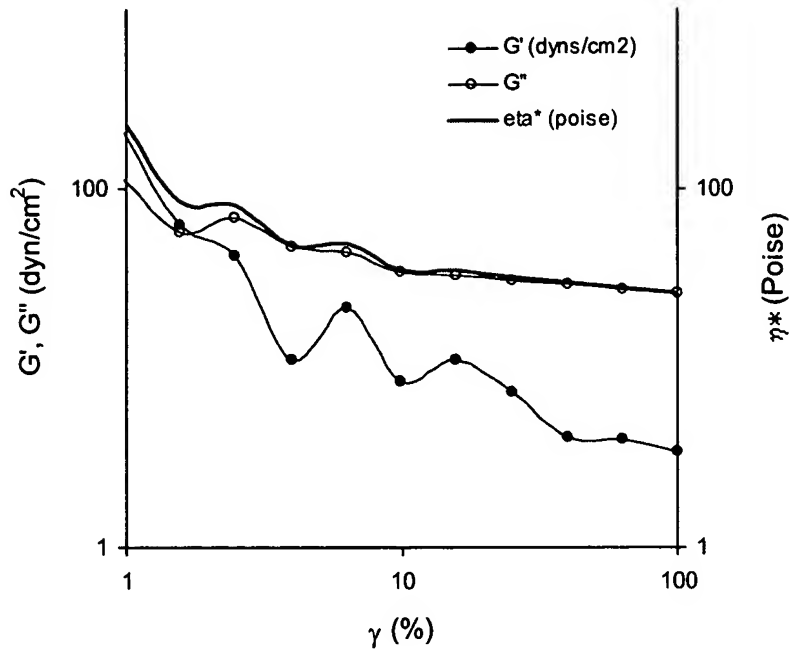


Figure 9.

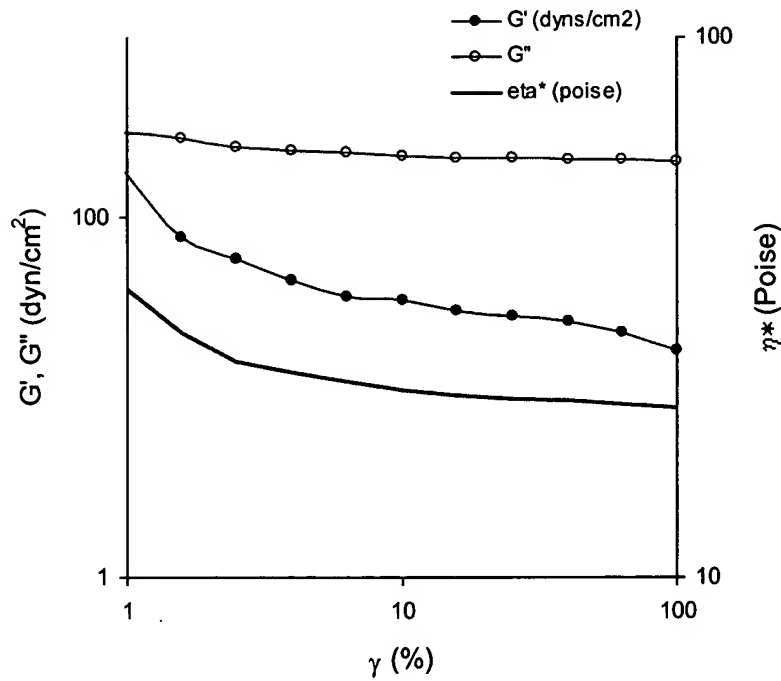


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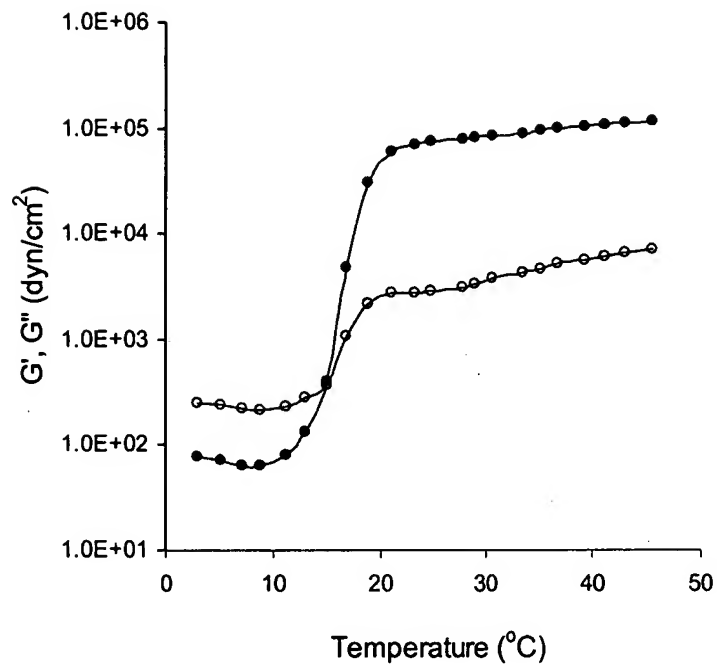


Figure 11.

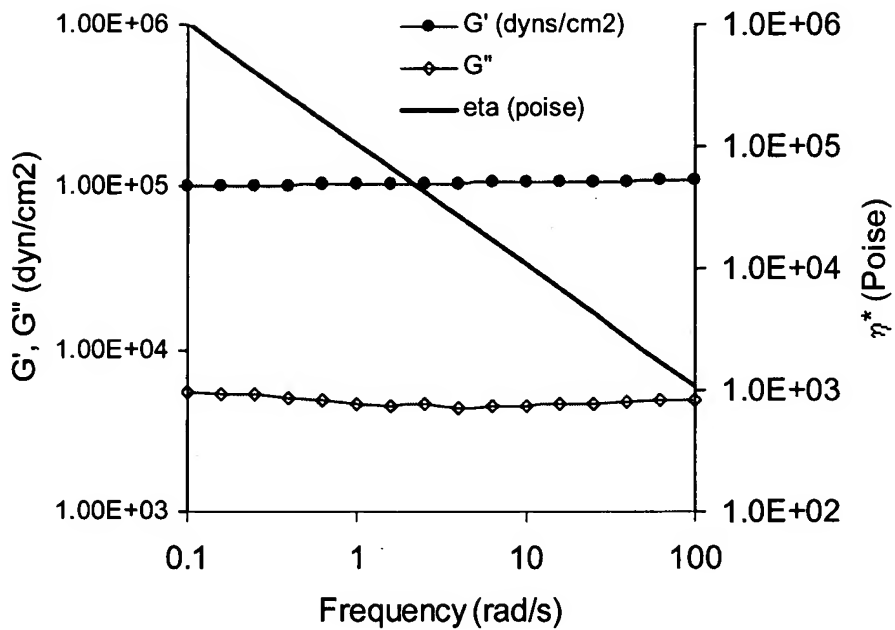


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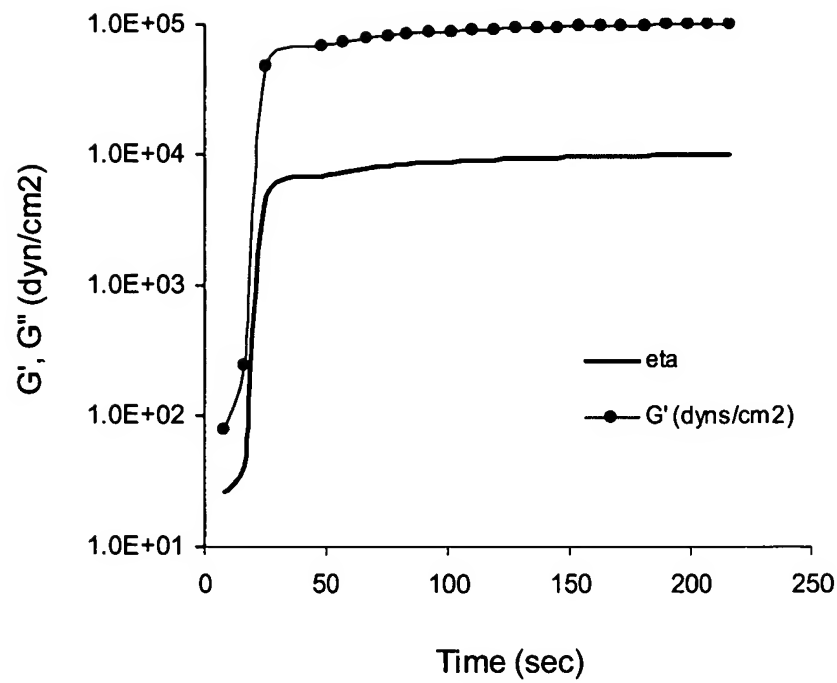


Figure 13.

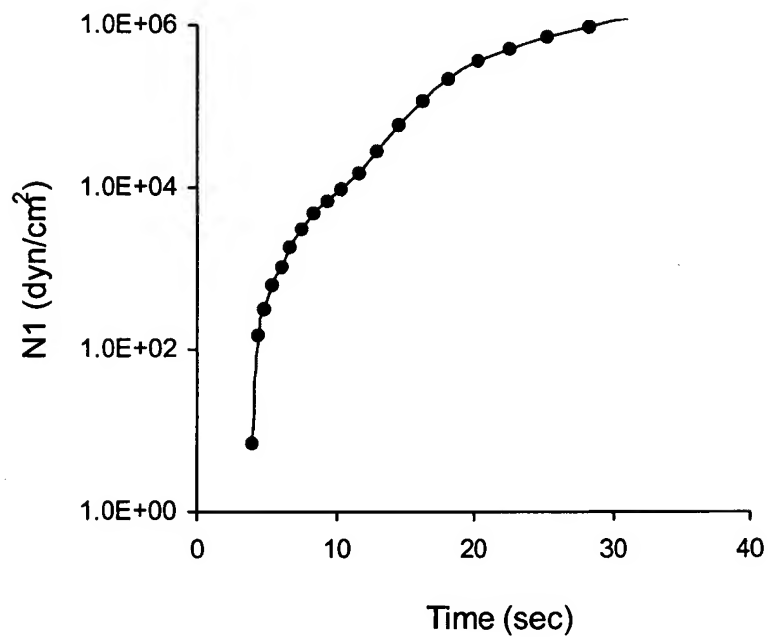


Figure 14.

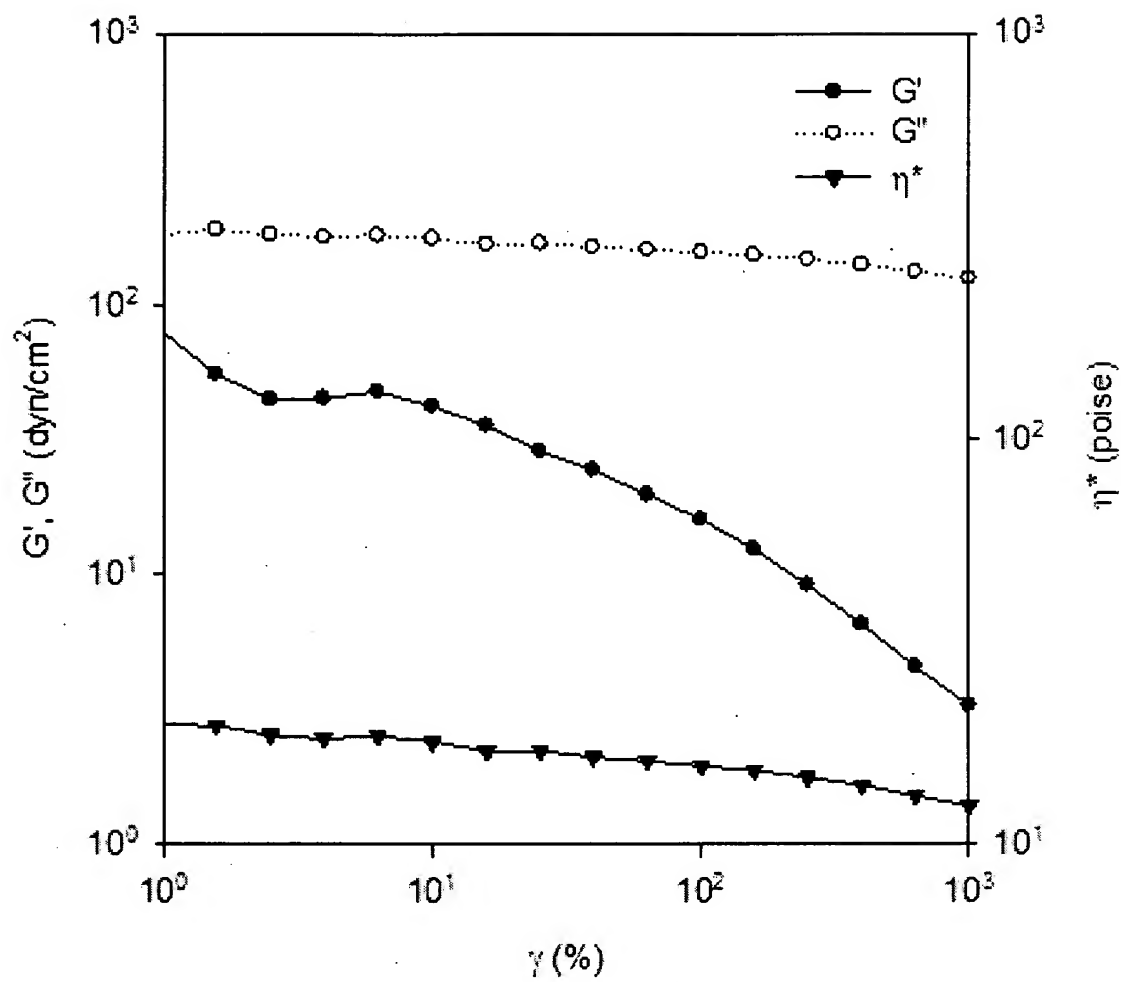


Figure 15.

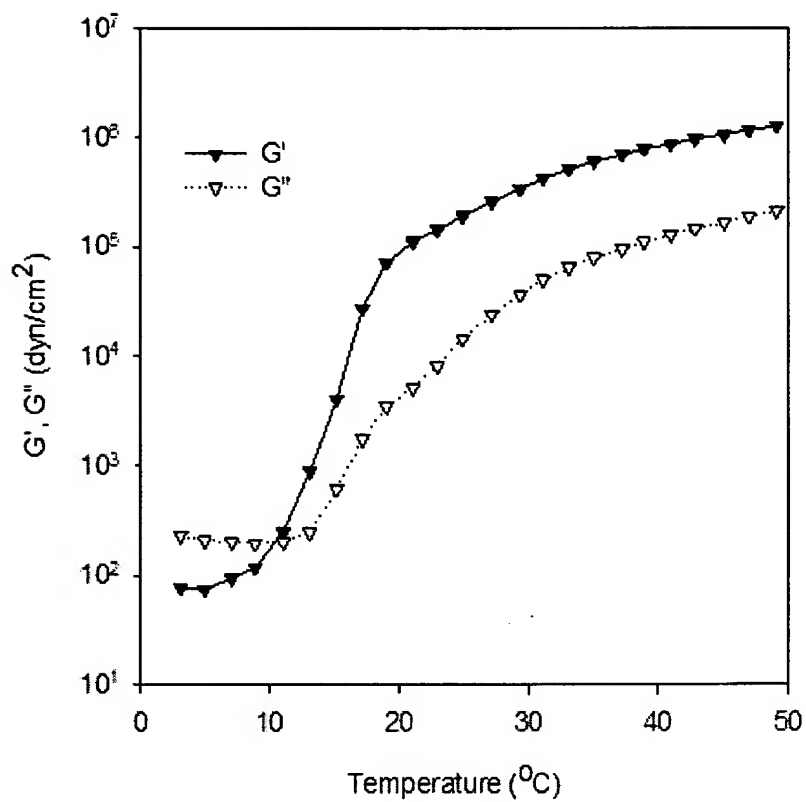


Figure 16.

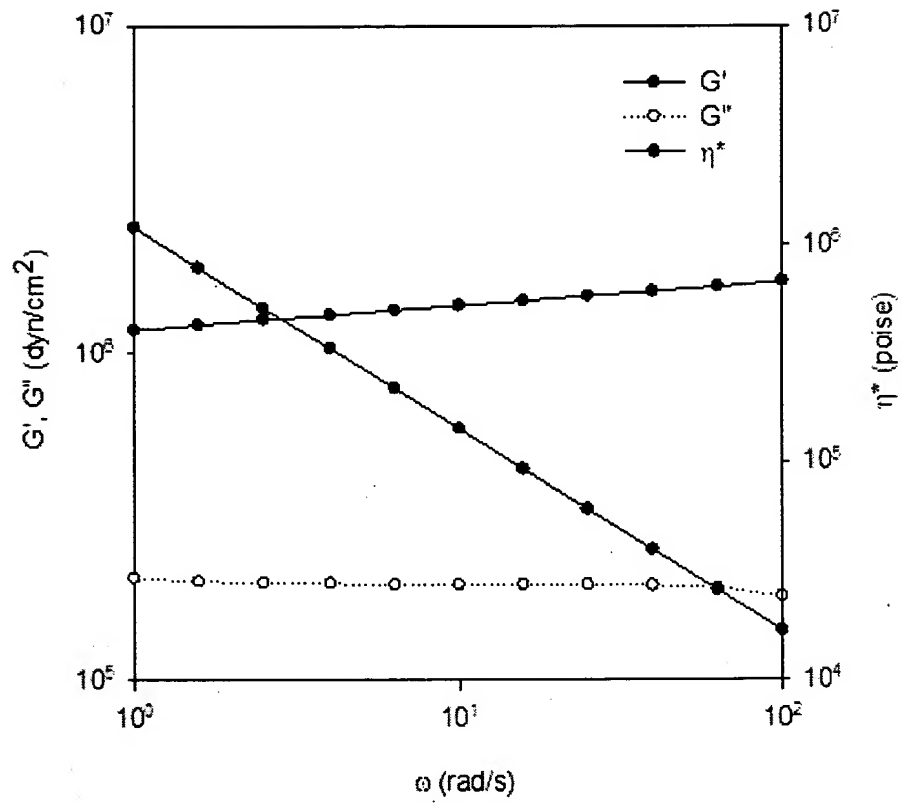


Figure 17.

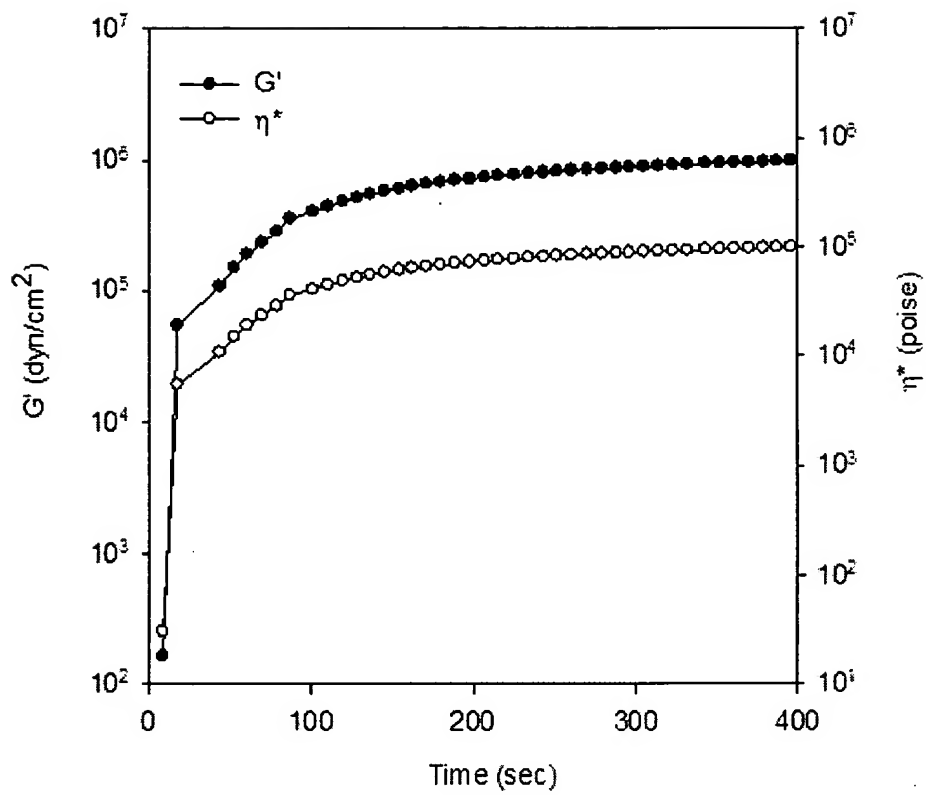


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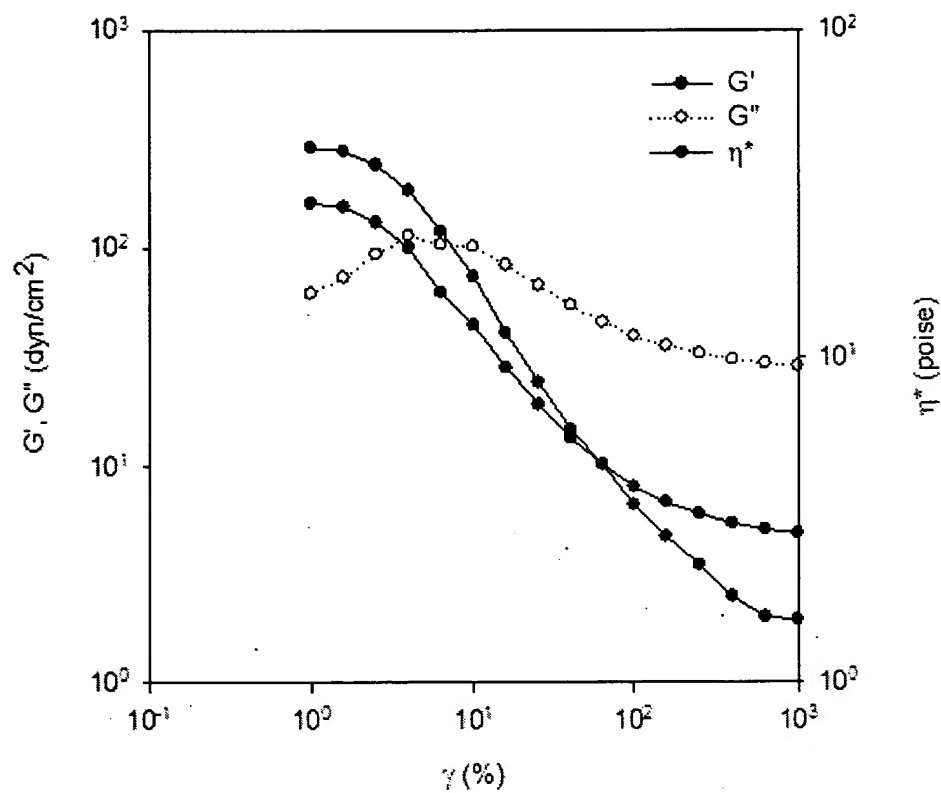


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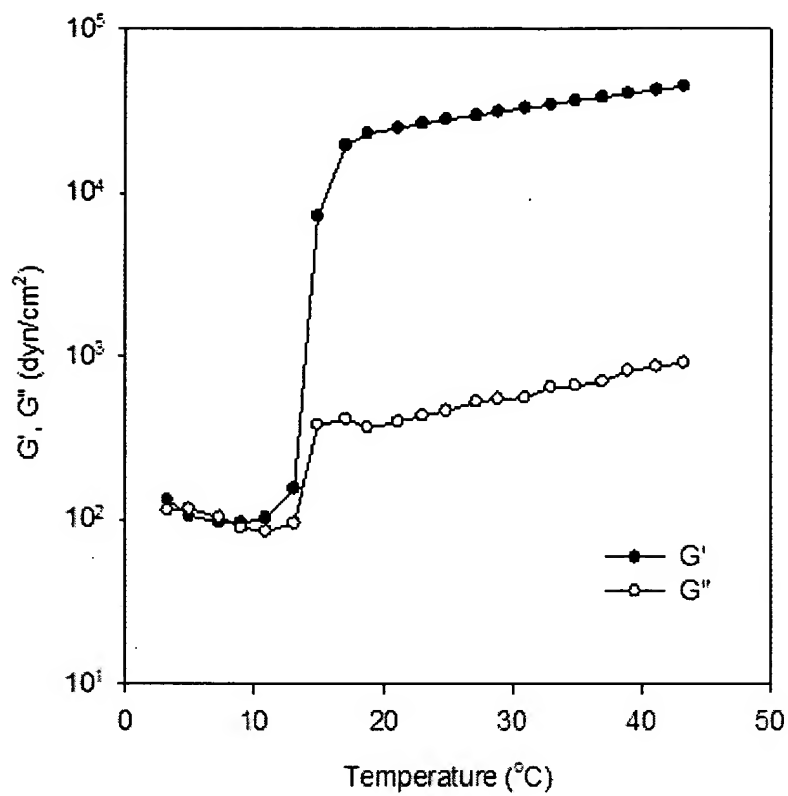


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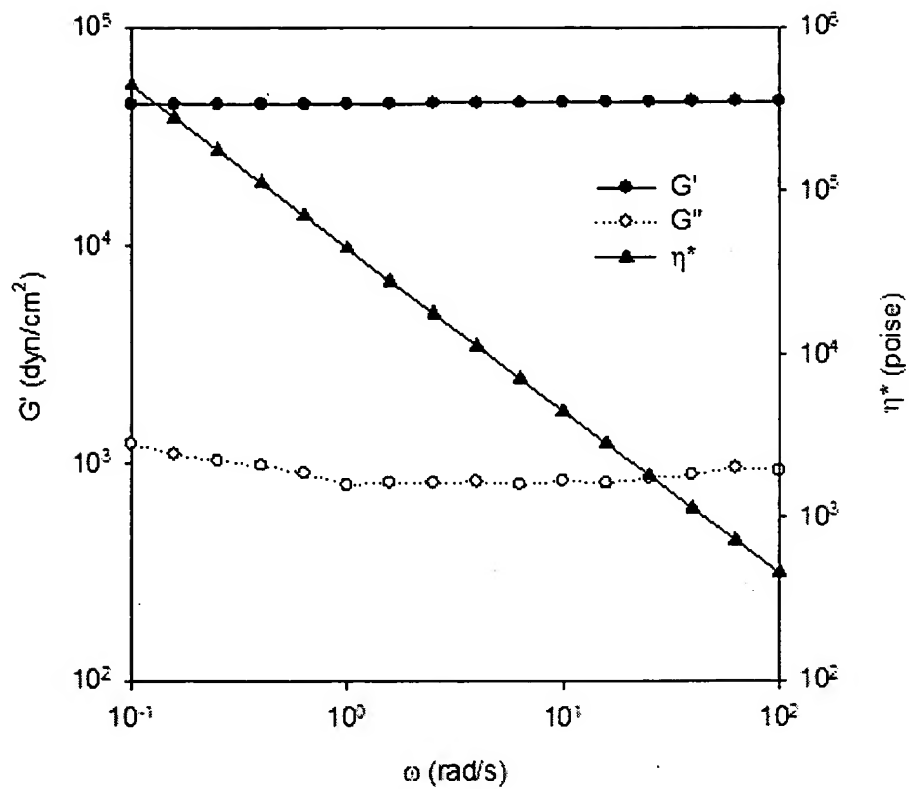


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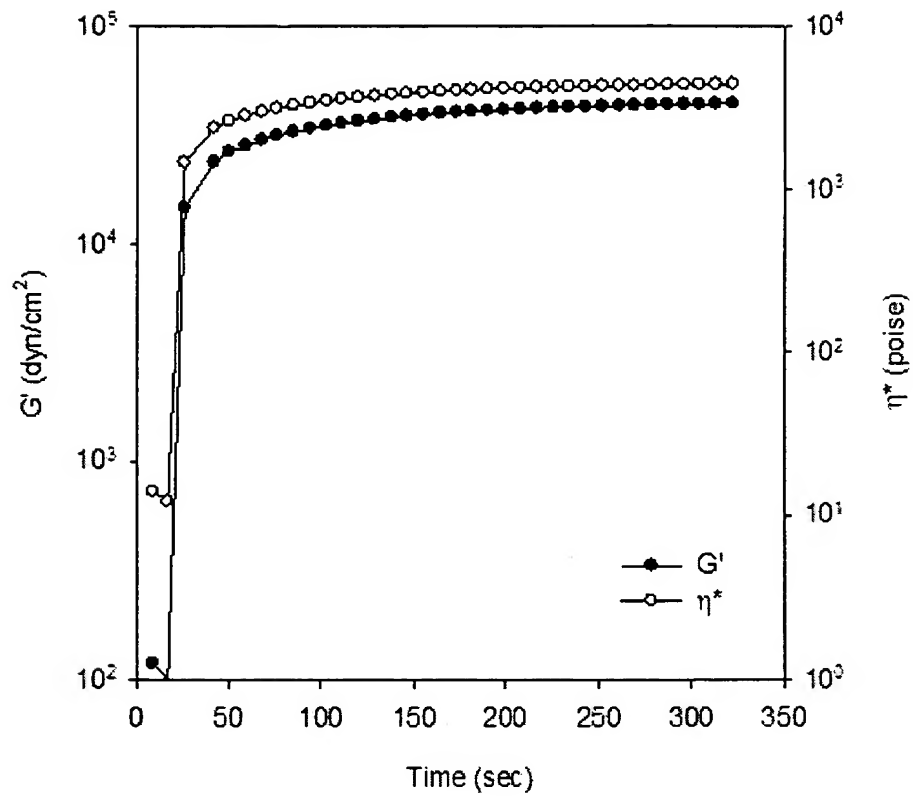


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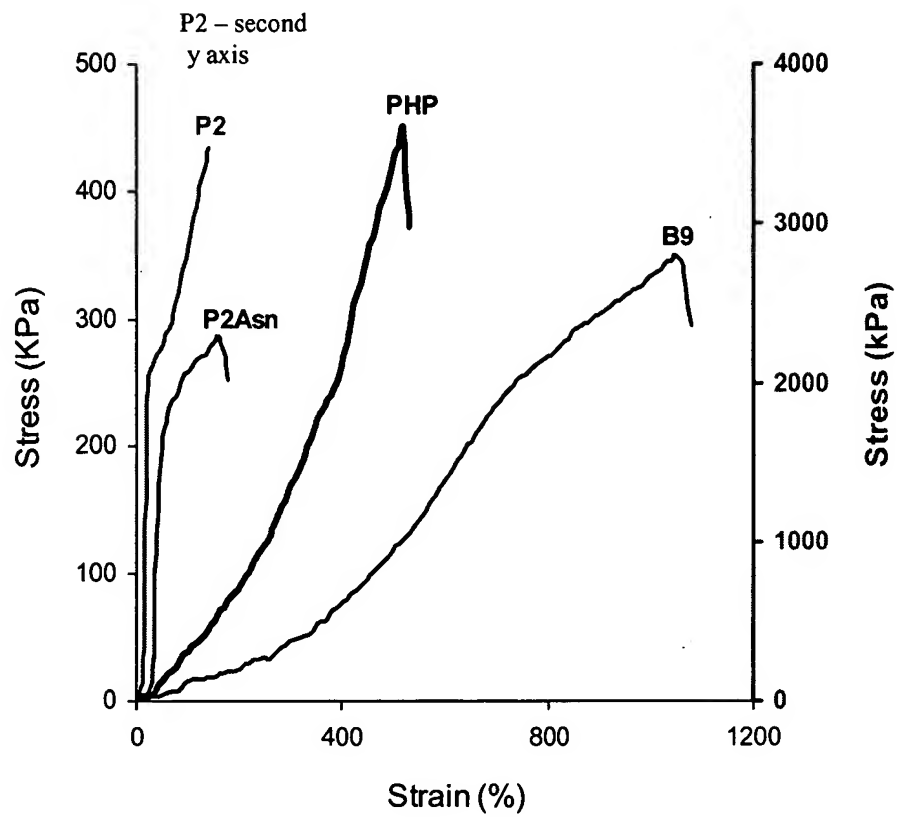


Figure 23

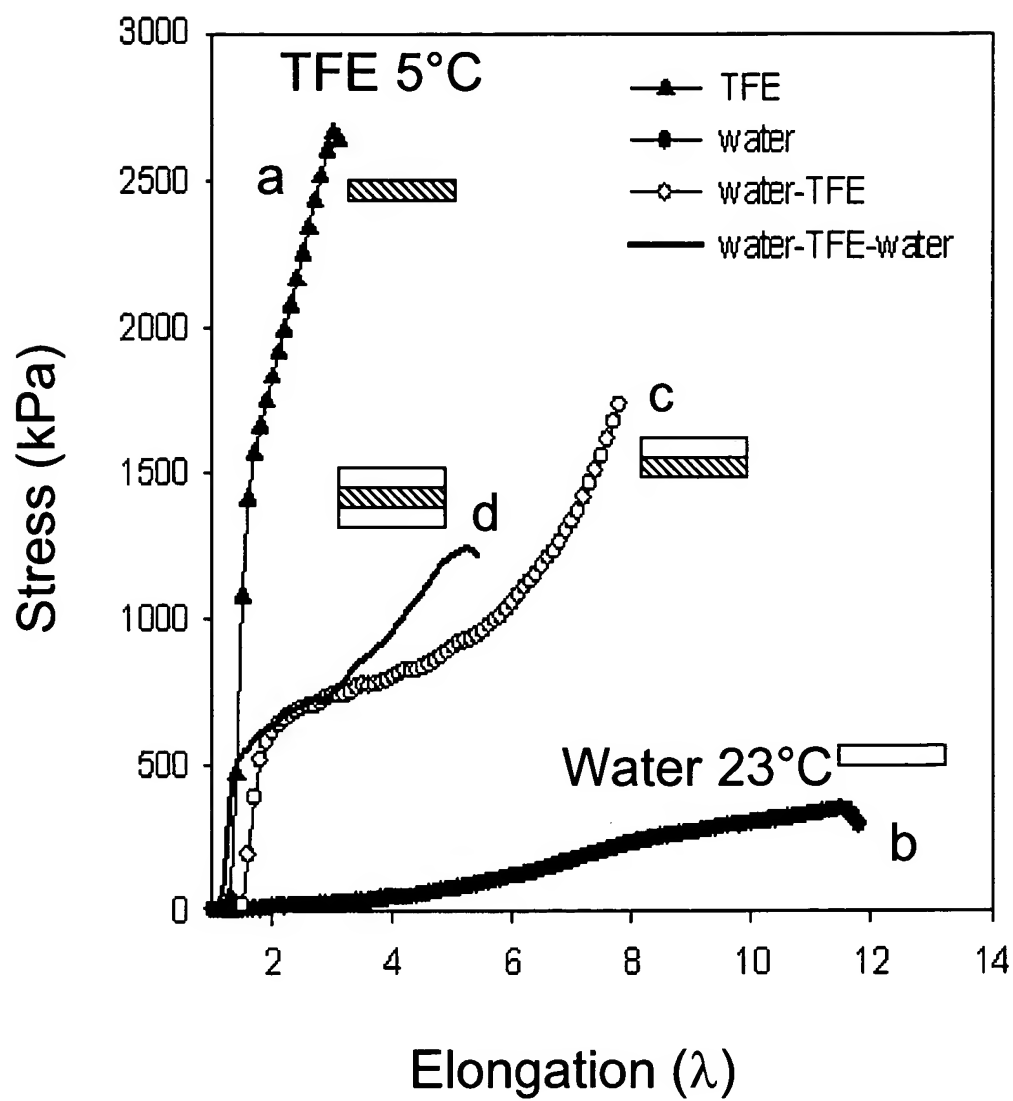


Figure 24.

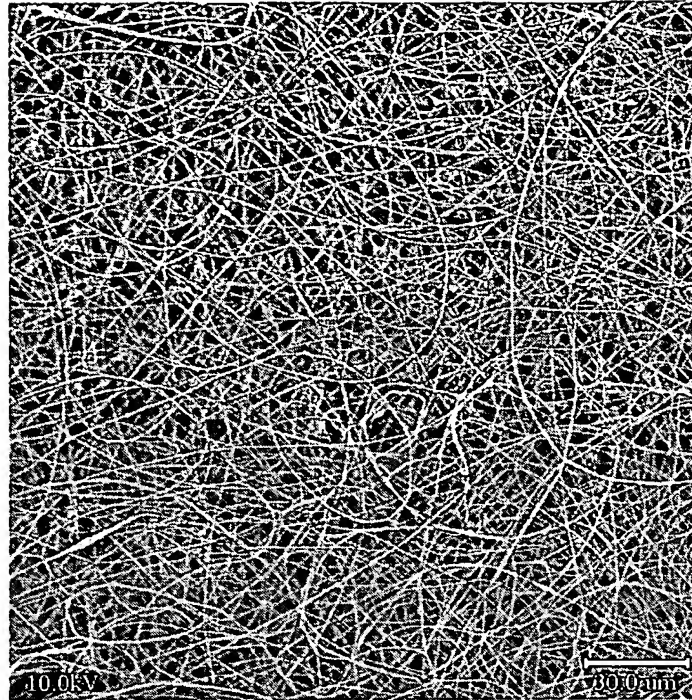


Figure 25A.

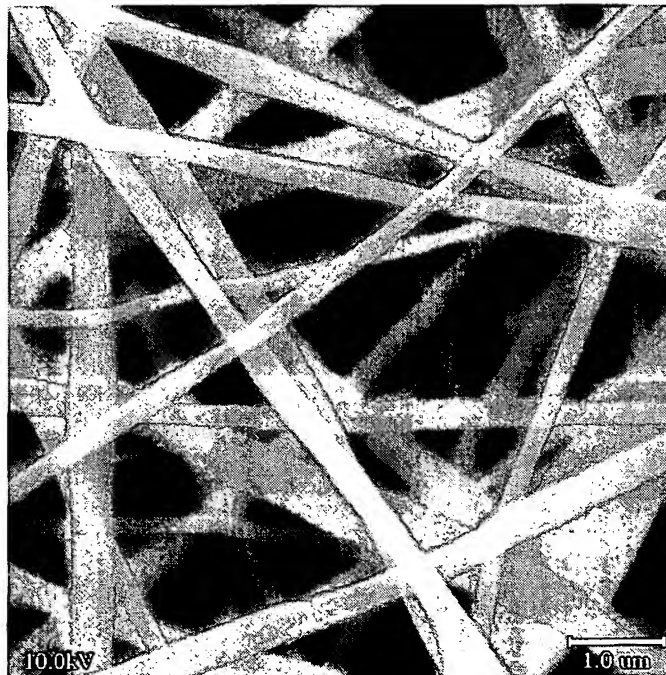


Figure 25B.

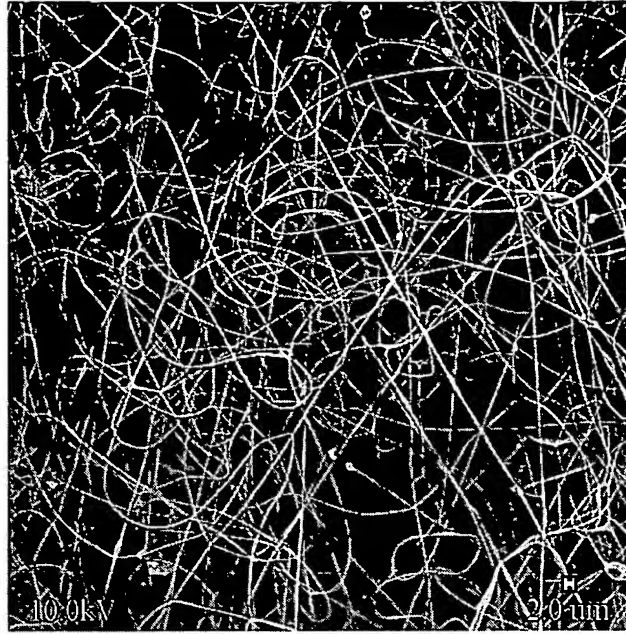


Figure 26A.

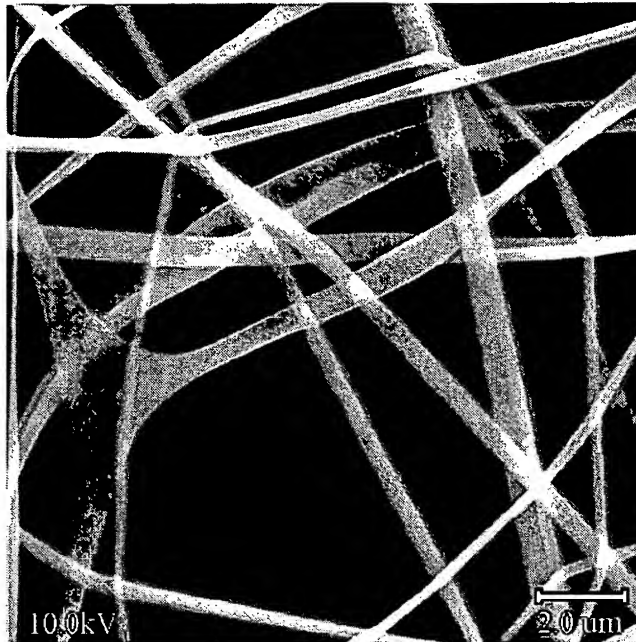


Figure 26B.



Figure 27A.



Figure 27B.

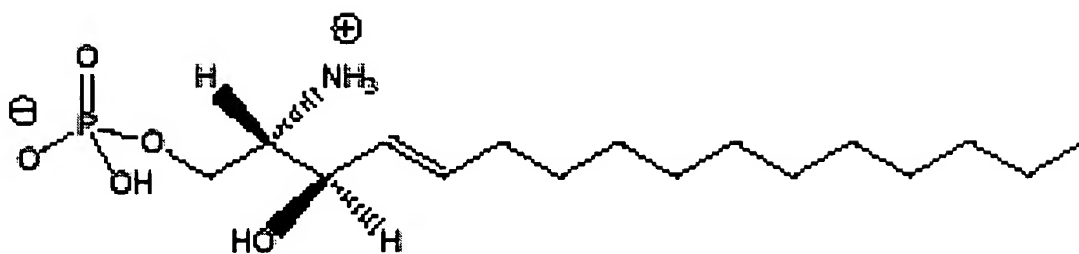


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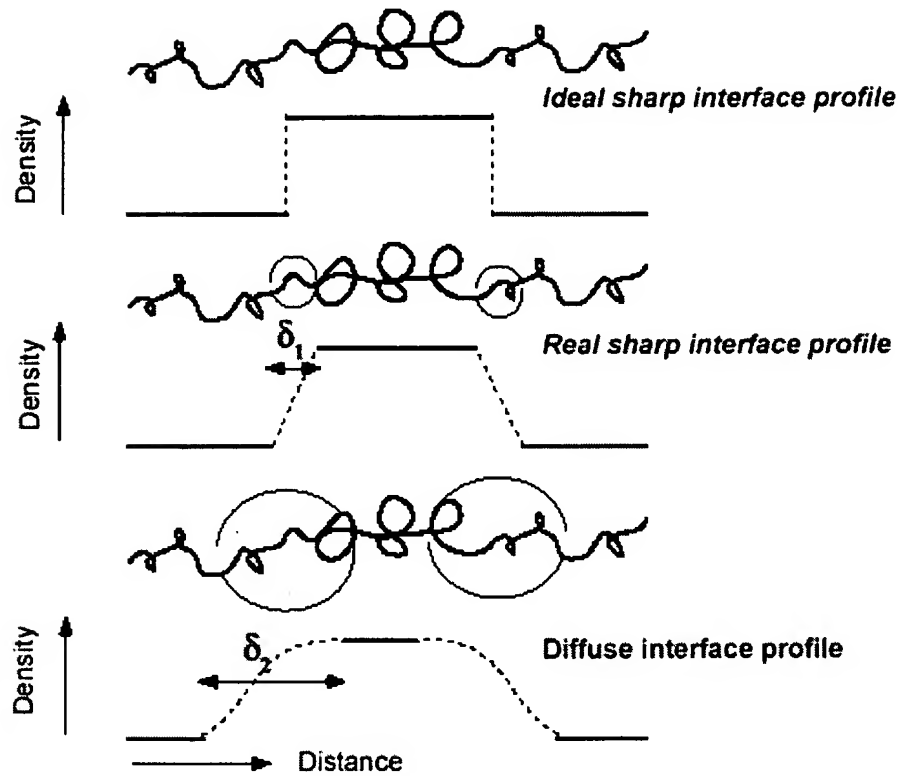


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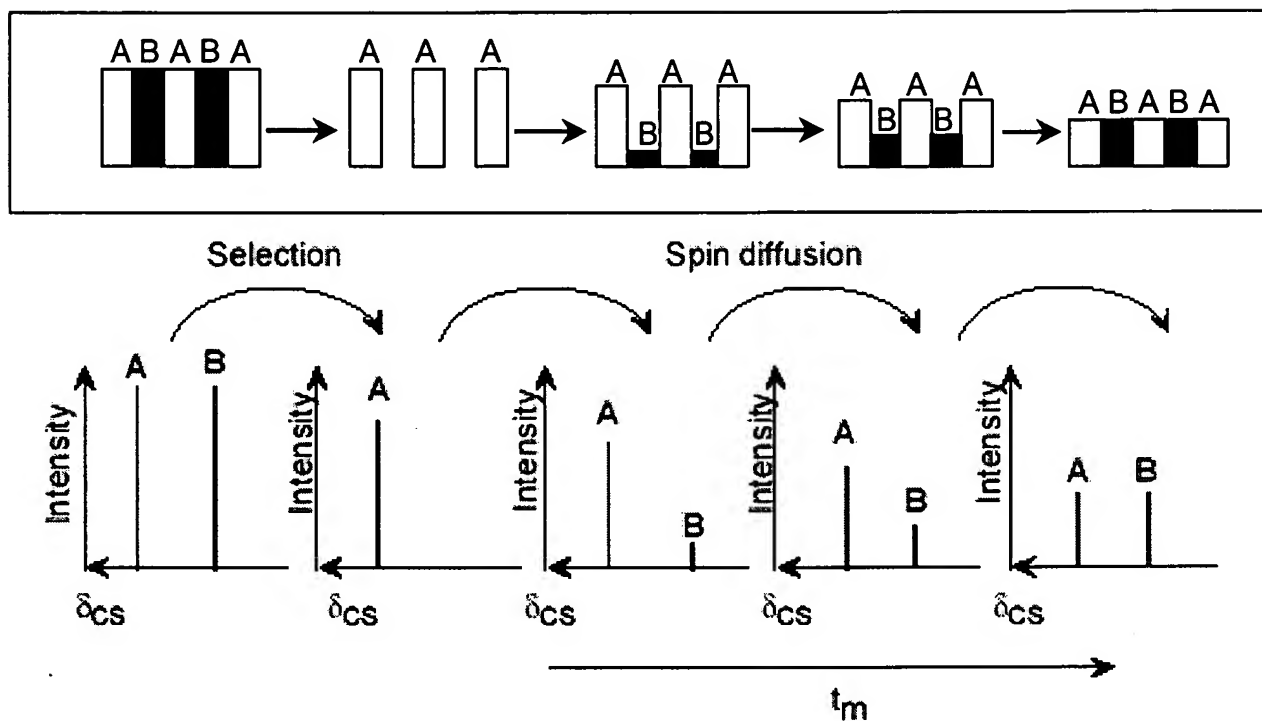


Figure 30.



Figure 31.

^{13}C Solution-state spectrum of B9 labeled at alanine $-\text{CH}_3$

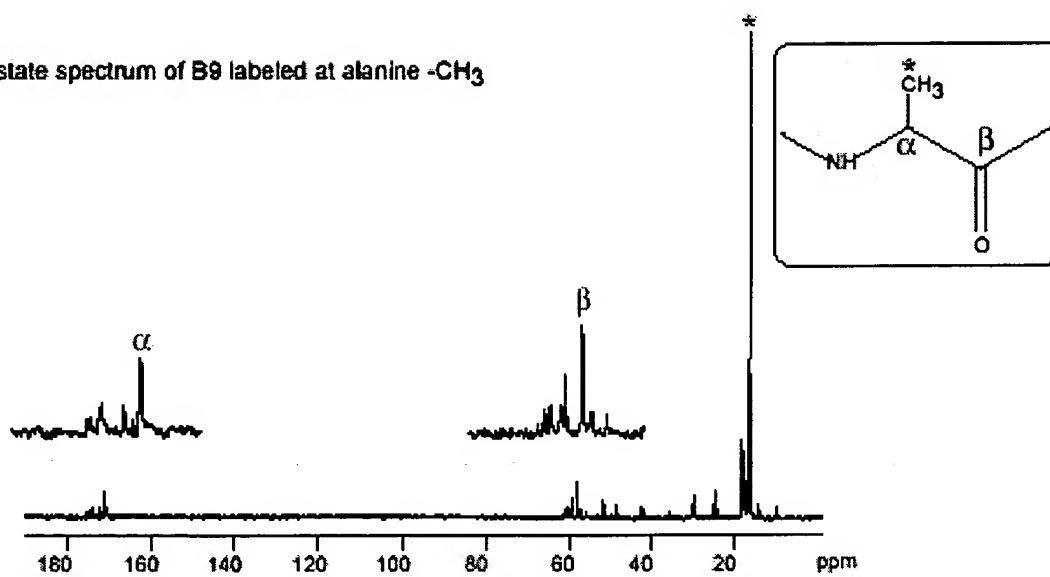


Figure 32.

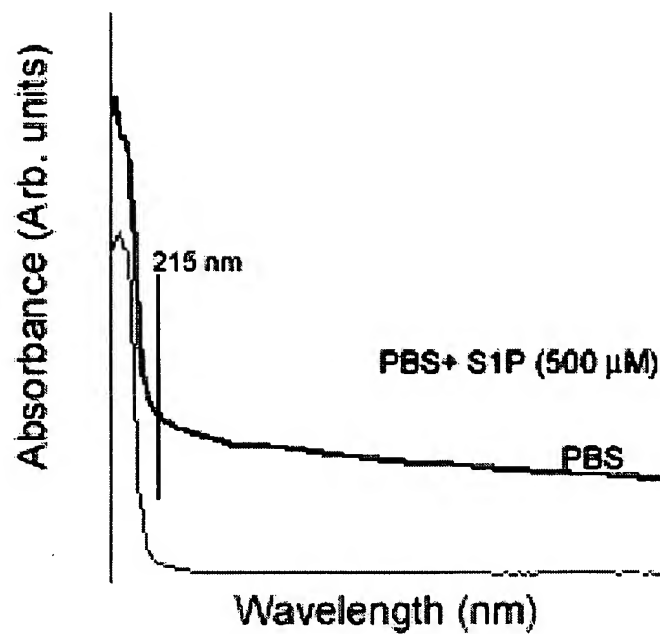


Figure 33.

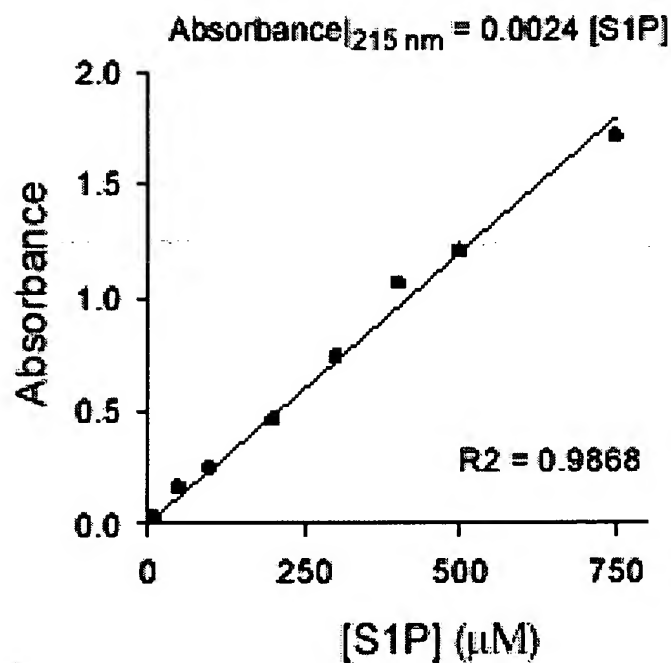


Figure 34.

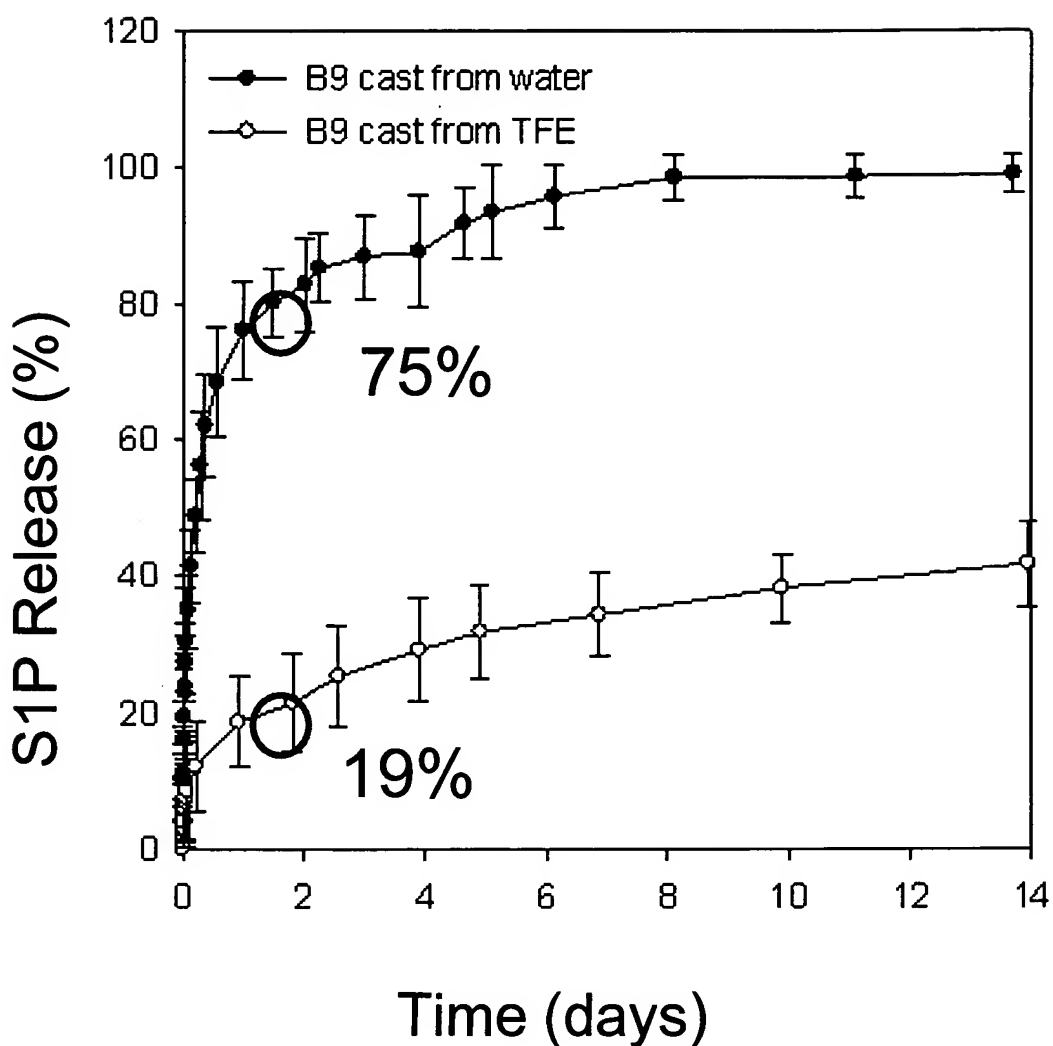


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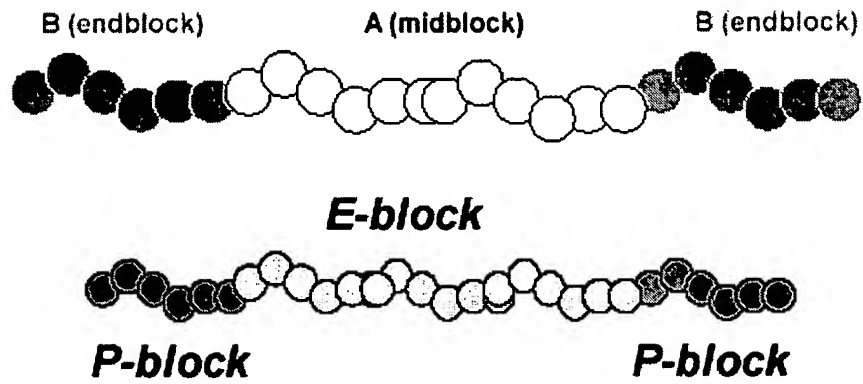


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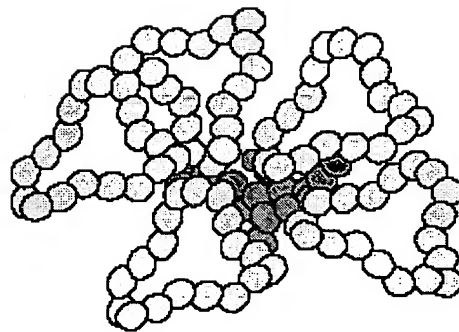


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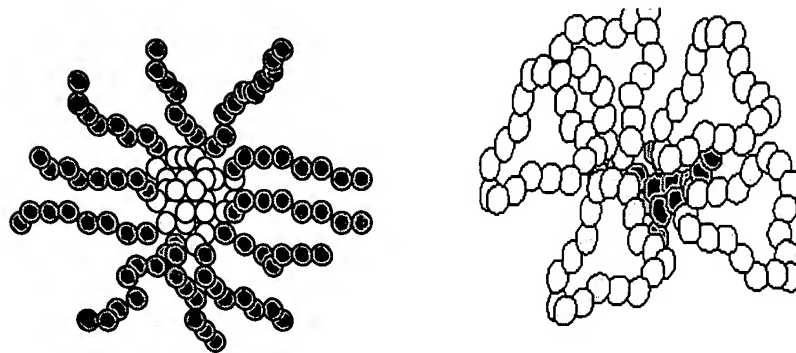


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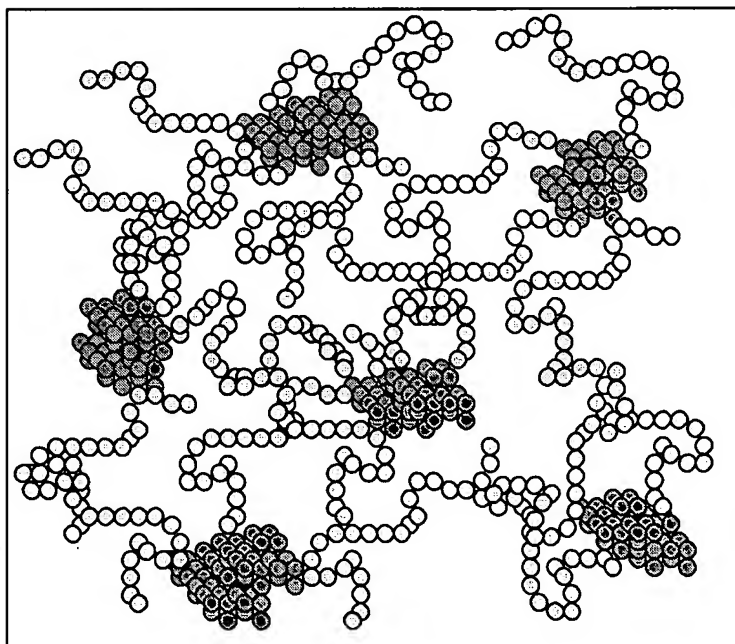


Figure 39.

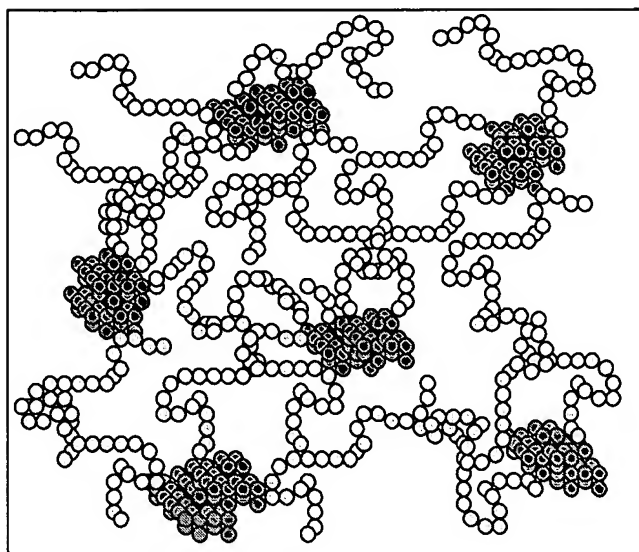


Figure 40A.

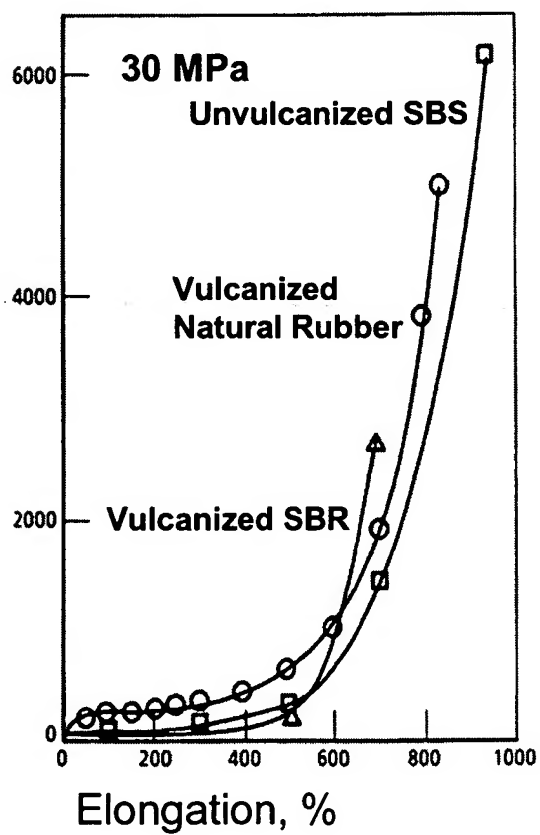


Figure 40B.

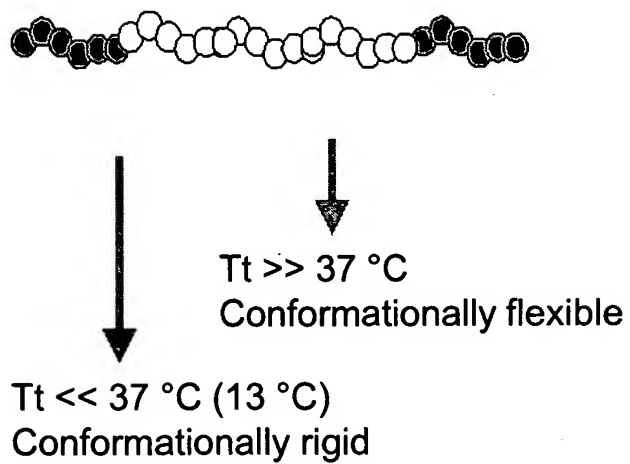


Figure 41.

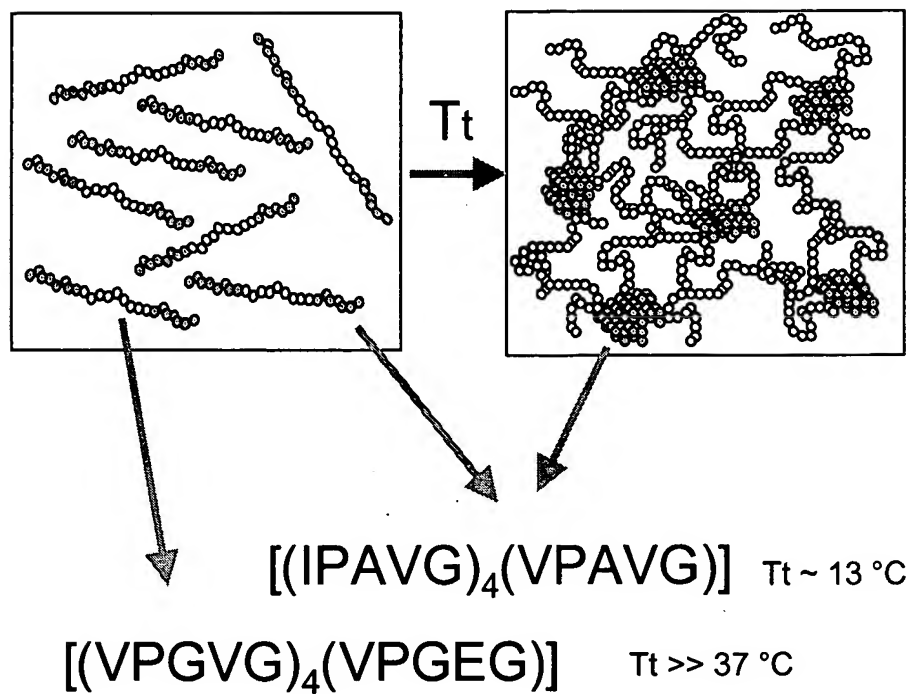


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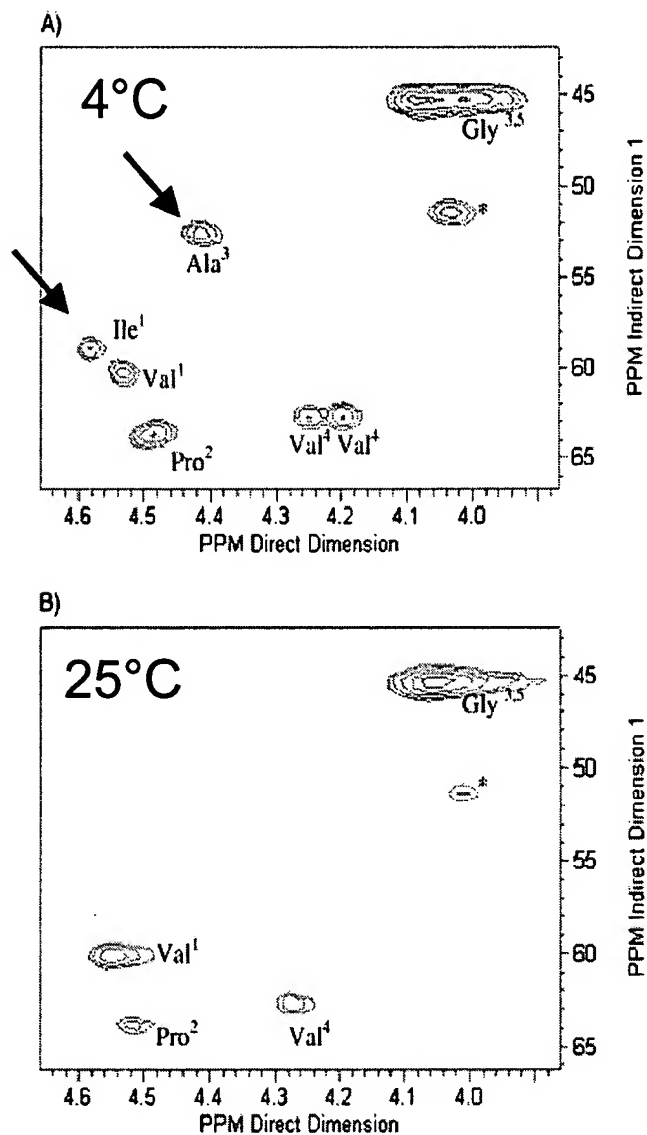


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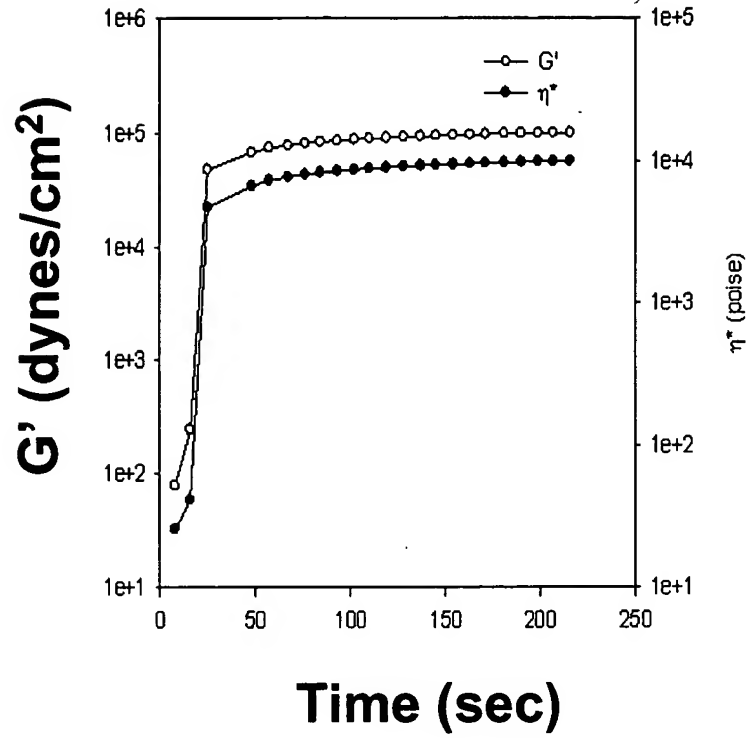


Figure 44.

Stress-strain curve

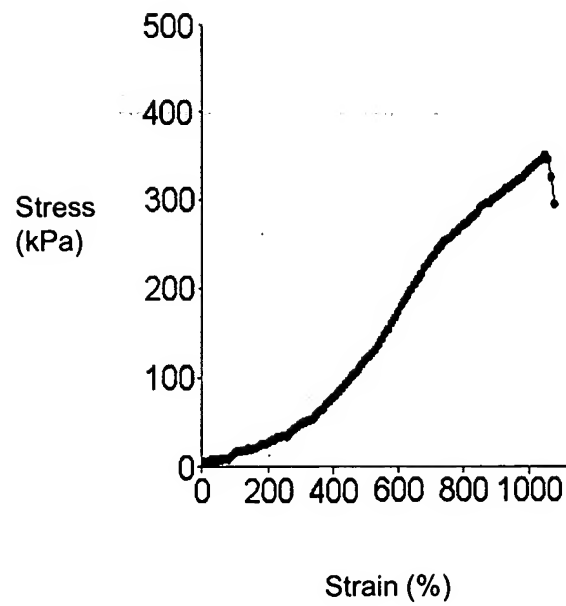


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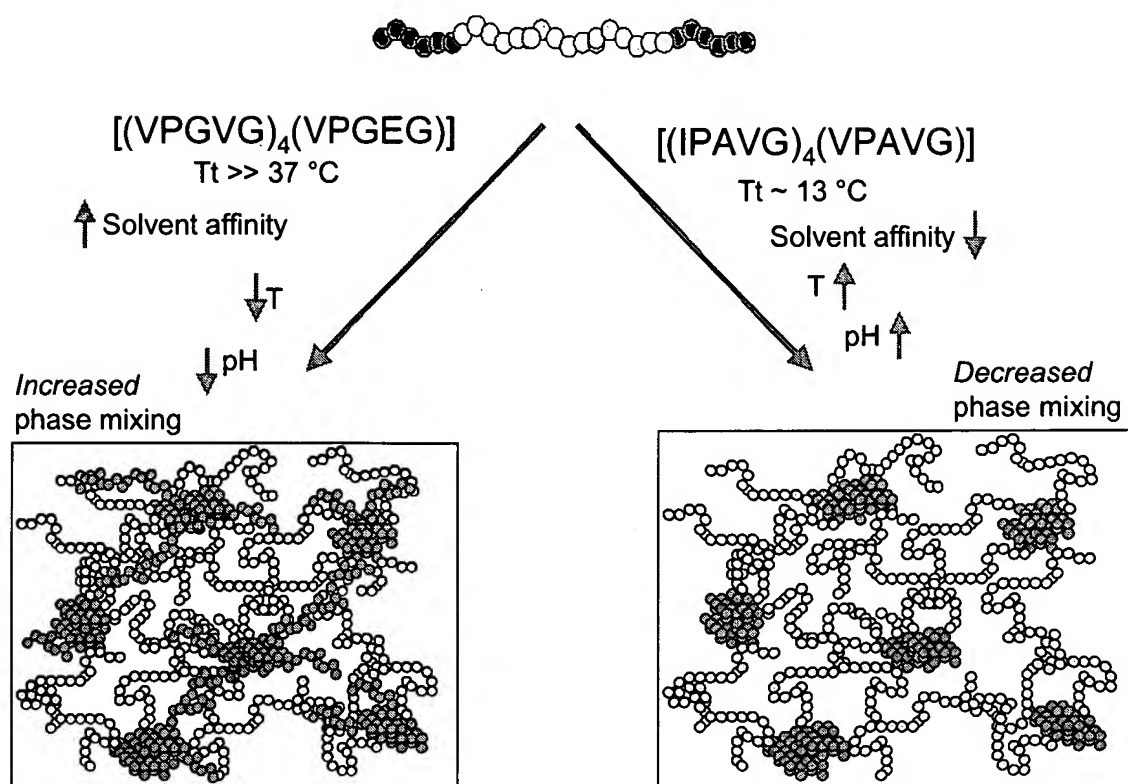


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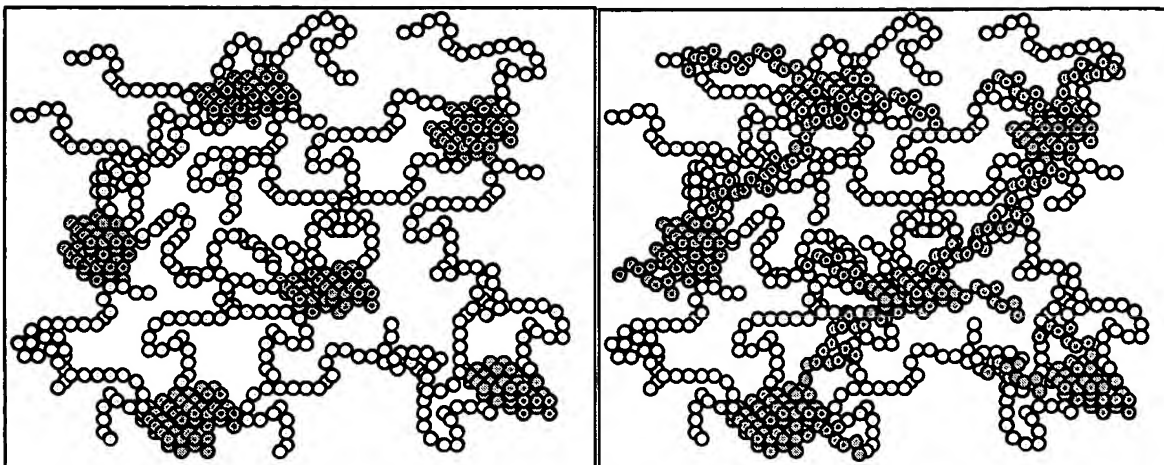


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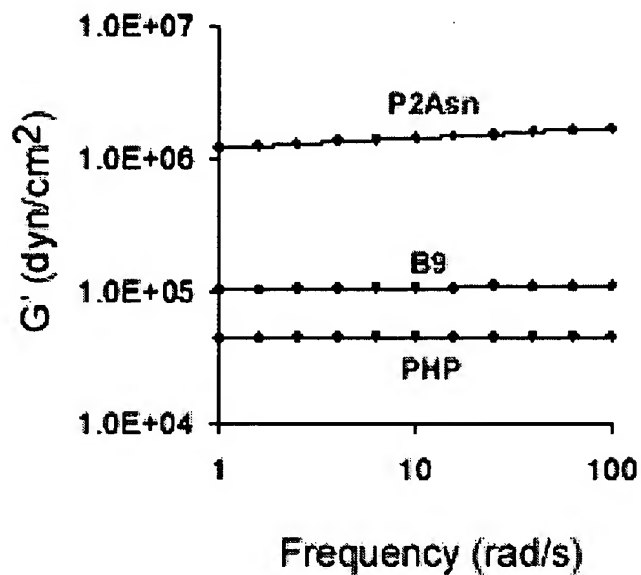


Figure 48A.

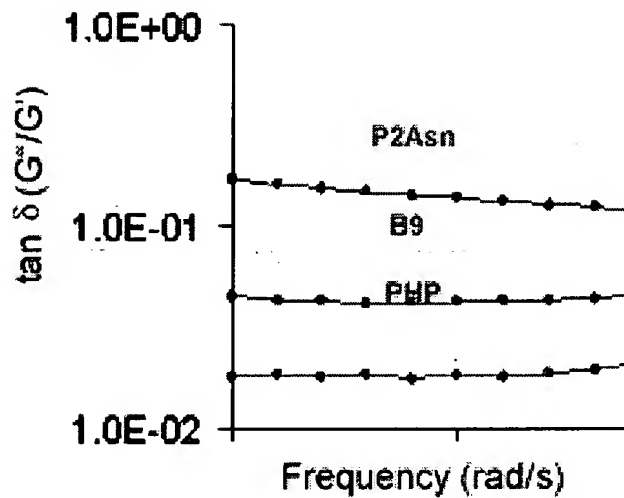


Figure 48B.

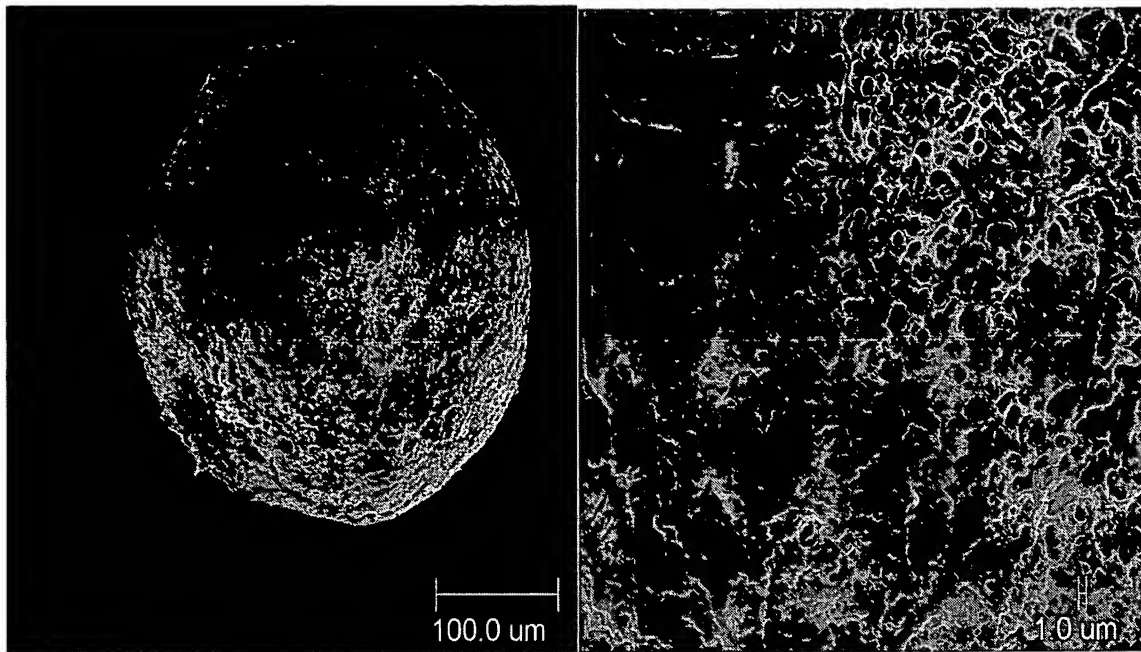


Figure 49.

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